

Claims

What it claimed is:

1. A reflective insulation and radiant barrier for use in the cavity formed by parallel support members attached to building walls comprising:
 - 5 a. a reflective sheet;
wherein the reflective sheet is folded to form
 - i. an insulating panel for positioning between the structural members generally parallel to the building wall,
 - 10 ii. a pair of creases for spreading along the inside surface of the structural members generally normal to the insulating panel, wherein the pair of creases have a length, and
 - iii. a pair of tabs for attaching the reflective sheet to the face of the structural members generally parallel to the insulating panel; and
wherein the length of the pair of creases is such that the insulating panel generally
15 bisects the cavity formed by the structural members to create two dead air spaces.
2. The reflective insulation and radiant barrier of claim 1, wherein the reflective sheet comprises a substrate layer having at least one reflective layer thereon.
3. The reflective insulation and radiant barrier of claim 2, wherein the substrate layer comprises kraft paper.
- 20 4. The reflective insulation and radiant barrier of claim 2, wherein the at least one reflective layer comprises two layers of aluminum foil.
5. A method of installing a reflective insulation and radiant barrier in the cavity formed by two parallel support members attached to building walls comprising:

- a. inserting an insulating panel into the cavity,
- b. attaching a first tab to the face of the first support member,
- c. spreading a pair of creases along the inside surface of the support members to position the insulating panel generally in the middle of the cavity wherein two dead air spaces are formed, and

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- d. attaching a second tab to the face of the second support member.